

## Attachment 12

**REAL PROPERTY INSTALLED EQUIPMENT (RPIE)**

**RPIE DEFINITION:** Those items of government-owned or leased accessory equipment, apparatus and fixtures that are essential to the function of the real property and are permanently attached to, integrated into, or on government-owned or leased property. Excluded is organization or collateral equipment reflected in the equipment authorization inventory data (EAID), as shown in AFM 67-1, volume IV. Also excluded are other technical, medical, commissary, aircraft installed, fixed laundry and dry cleaning, MARS, cryptographic, automatic data processing, rental equipment, research and development, communications equipment.

Above Ground Fuel Storage Tanks	Only if they are assigned a real property facility number and are permanently identified on the base comprehensive plan and if the "intent" is to support a real property facility. If the "intent" is for these tanks to be mobile and relocatable, then they are EAID
Air Dryers/Compressors	Permanently installed. However, if they are in support of communication lines, they are EAID
Air Handling Units	Warm air and ventilating units
Appliances	Appliances that are installed in Military Family Housing (including plug-in)
Auditorium Curtains	Large stage and school curtains that are opened electrically or mechanically. Army Air Force Exchange Service (AAFES) has retained ownership in Air Force theaters
Arresting Systems	Aircraft
Cathodic Protection Systems	
Central Vacuum Cleaner System	If installed at the time of building construction with all components enclosed in the structure (walls, floor, etc) However, the piping not encased in the walls is not RPIE
Chalkboards	Chalkboards that are integrated into the building
Chapel Equipment	Pews, altars, built-in lecterns and pulpits.
Chlorinators	
Comprehensive Interior Design (CID)	Structure Related Only.
Comm Manholes and Ducts Systems	Communication manholes and ducts that are installed in support of communications-electronics.
Compressors	Permanently installed.
Dehumidifiers	Built-in, that are not an integral part of an air conditioning system
Elevators	Including auxillary parts

Electronic Air Cleaners	Provided they are permanently attached and integrated into the facility.
Electronic Baseball Scoreboard	Outside structure, unless baseball field is an enclosed dome
Electric Power Generators	Those generators which aid in the function of real property and are permanently attached to, installed into, or built in or on government owned or leased real property
Emergency Lighting	Emergency lighting used in theaters other than the regular distribution system.
Evaporative Coolers	Permanently installed
Fans	Induced draft ventilating, permanently installed
Fire Hydrants	
Fire Shutters	Installed in the theater projection room
Forward Fold Ceiling Mounted Backstop	Gymnasium equipment, i.e., basketball goal
Garbage Disposal Unit	Only when built in
Generators	Fixed, non portable. Electric power generating units, 50-60 cycle necessary to satisfy power systems requirements
GWEN	All utility services to the serving utility transformers including electrical power lines and meters, chain link fences (perimeter and equipment areas) are considered real property. The receiving and transmitting towers, including guy wires, related communication-electronic equipment (back-up power groups, shelters, electrical/signal conduit lines, ground phones) power packages enclosures (diesel engine generators, alternators, fuel tanks and various controls and equipment) are considered EAID equipment
Gym Divider Curtain	Permanently installed in Gymnasium
Heat Pumps	And other heating units permanently connected to a utility line
Heating/Boiler Plant	Meters, valves, controls, tanks, pumps, gauges, instruments, etc., necessary for functional operation
Heat Distribution System	Including manholes and pump enclosures
Helium Control Center	
Helium Control Cubicle	
Helium Compressor Skid	
Hydraulic Skid	
Hydraulic Lifts	Fixed automotive
Hoists	Monorail and bridge crane hoists that are permanently attached to the building (built-in) and that are NOT removed for service or repair. This includes the rolling mechanism (the lifting device)

Intrusion Alarm Systems	Various types of alarm systems. i.e., burglary, alert etc. Will be accountable under appropriate category code
JP-8+100 Injection Equipment	Only if they are permanently installed at a fixed fuel facility and additive storage tank (1,000 gallons and larger)
Joint Services Interior Intrusion Detection Systems (JSIIDS)	
Latrine Equipment	Lavatories, closet bowls, urinals, and other miscellaneous latrine facilities, equipment or fixtures
Launcher Erector	
Lifeguard Stands	All lifeguard stands, except wooden stands, exit ladders and diving board stands. These are permanently mounted and aid in the function of the facility
Line Isolation Monitor (LIM)	
Master Clock Systems	
Master Lock Systems	
Medical Vacuum and Piped Gas System	Only vacuum/piped gas system outlets and associated monitoring panels
Microwave Ovens	Only when built-in
Missile Facility	<ul style="list-style-type: none"> <li>a. Power Supply and Distribution <ul style="list-style-type: none"> <li>Normal power service</li> <li>Standby power generation</li> <li>Power distribution and control</li> <li>Lighting</li> </ul> </li> <li>b. Water Supply and Distribution <ul style="list-style-type: none"> <li>Water storage</li> <li>Domestic water</li> <li>Industrial water</li> <li>Fire system and fire fighting equipment</li> <li>Spray water</li> <li>Flooding water</li> <li>Plumbing</li> </ul> </li> <li>c. Heating, Ventilating and Air-conditioning <ul style="list-style-type: none"> <li>Control center air-conditioning</li> <li>Access portal ventilating</li> <li>Launch silo equipment area heating, ventilation, and evaporative cooling</li> <li>Launch duct and collimator room a/c</li> <li>Cooling water</li> <li>Chilled water</li> </ul> </li> <li>d. Miscellaneous Systems I <ul style="list-style-type: none"> <li>Contaminated waste and sewage disposal</li> <li>Launch silo elevator</li> <li>Access portal elevator</li> </ul> </li> </ul>

	<p>Hydraulic power package HS-2  Blast dampers BD-1 and 2  Blast door power supply (HS-3)  Portable hydraulic pumps (HS-3)  Blast valves BV-1, 2, 3 and 4  Retractable platforms  Launch silo closure door, rails, and rollers  Control center shock isolation  Equipment shock isolation  Cableway shock isolation  Oxidizer dump  Fuel dump</p> <p>Miscellaneous Systems II  Detection and alarm  Fuel Oil  Compressed air  Compressor equipment of the instrument air system  Hydraulic power package HS-3  Blast valve BS-5 and power package HS-4  Various electrical control equipment  PTS receptacle pit  Blast doors  Roof doors  Escape hatch</p>
Monitoring Systems	Electrical Signal, Alarm and Call, Klaxon Alarms, Electronic Locking Device
Oil/Water Separator	Only if an integral part of the facility and necessary for the function of that facility
Pantograph Fueling Arms	Provided they are permanently installed as an integral part of types III and IV fueling systems
Plants - Air Conditioning	Built-in air conditioning units, including cooling towers, pumps, controls, etc., air handling units, water chillers, chilled water handling units, chilled water circulating pumps, piping and valves; and all other equipment necessary for the functional operation of the plant.
Playground Equipment	Equipment that is permanently sited and installed in concrete foundations. Includes slides, swings, seesaws, and similar equipment
Prefabricated Partitions	Prefabricated floor to ceiling wall partitions using ceiling and floor channels (tracks) such as the Hauserman Privacy Panel System are RPIE. However, the attached or unattached work surfaces (tables, deck and credenzas),

	storage (shelves and drawers) lighting and electrical accessories are EAID
Pumping Stations	Pumps, piping valves, control tanks, etc., necessary for functional operation
Projection Screens	Only those projection screens that are permanently installed as an integral part of the wall and/or electrically wired to circuits in the building (other than plug-in) are RPIE
Postal Lock Boxes	Used in postal facilities
Pull-out Seating	Seating that is fastened to the wall and/or floor
Range Canopies	With exhaust systems
Rear Projection Screens	Rear Projection Screens that are integrated into the building
Saunas	Only those saunas built in and integrated into the building will be considered RPIE. Saunas that are brought in a facility and set up are not RPIE
Scoreboards (Inside)	Scoreboards with control cable and remote control panel
Spray Paint Booths	Only if the facility involved is a single purpose corrosion control facility, performing no other function, and the spray booth insert is necessary for the facility to perform it's function. If the facility is a large multipurpose building and corrosion control is performed as one of many functions performed in the building then the paint spray booth is equipment. Adding a paint spray booth after construction of a multi-purpose facility also qualifies it as equipment and not RPIE
Satellite Antenna (Single Point)	Placed on top of buildings and have receiver, drive control and terminator
Scales	Built-in
Sewage/Industrial Treatment Plant	Pumps, piping valves, control tanks, etc., necessary for the functional operation
Stadium Seats	Only if permanently affixed to the structure
Storage Plant	Cold storage equipment, such as refrigeration, compressors, pipes, valves, tanks, controls, etc., and all equipment necessary to functional operation
Transformers	Street or electric lighting, complete with switch
Telephone Poles	If AF owned
Theatre Chairs	Permanently affixed to the floor by screws or bolts
Underground Compressed Air Lines	Lines that support the centralized aircraft support system (890-144)
Underground Electrical Ducts	Ducts that support the centralized aircraft

	support system (812-226
Underground Sprinkler System	
Utility Meters	
Water Hydrants	
Water Treatment Plants	Pumps, piping valves, control tanks, etc, necessary for functional operation
Wardrobes/Lockers	Affixed and built-in as an integral part of the facility
Walk-in Refrigerators	Built-in, complete with operating unit
Window Air Conditioners	If bought with other than O&M funds, units must be transferred to CE by way of DD 1354, before they will be considered RPIE

### THESE ITEMS ARE NOT REAL PROPERTY INSTALLED EQUIPMENT

Air Dryers/Compressors that support communication lines  
 Automated Fuel Dispensing System  
 Bicycle Storage Lockers  
 Bowling Pin spotters  
 Chemical/Biological/Radiological (CBR) Filters  
 Chemical Fume Scrubber System and associated filter pads  
 Civil Defense Sirens  
 Compressed Air System and Water Cooling/Recycling System  
 Compressed Natural Gas Dispensing Systems  
 Centralized Aircraft Support System (CASS) Consoles  
 Curtain - Air Device  
 Document Disintegration System  
 Emergency Power Systems (EPS)  
 Environmental Systems which performs functions similar to flight simulator  
 Floating marina type facilities held in place by chains or pilings or piers  
 Hyperbaric Chamber  
 Hush-Houses  
 Heavyweight Bag  
 HEMP/TEMPEST shielding equipment  
 Horizontal Bar with floor plates  
 Ice Making Machines  
 Intercom Equipment  
 Line Isolation Monitors (Medical)  
 Lockers - metal, removable  
 Mechanized Material Handling Systems  
 Mezzanine Modular  
 Noise (Sound) Suppressors System  
 Nurse Call Stations  
 Prewired Workstations  
 Power Conditioning Continuation Interfacing Equipment (PCCIE)  
 Public Address Equipment  
 Portable, relocatable or removable hoists  
 Portable Buildings

Portable Air Conditioners  
Portable Water Chillers  
Projection Screens that are attached to the ceiling by screws  
RUBB Stress-Tension Shelters  
Runway Ice Detection Systems (RIDS)  
Satellite Cable Television Antennas  
Sawdust Collector  
Sound Control Rooms - if they can be dismantled and reassembled with common hand tools  
Sound Suppression Equipment for Power Check Pads  
Speed Bag  
Steam Tables  
Stationary Acetylene Generators  
Systems Furniture  
Traverse Drapery Rods  
Venetian Blinds  
Ventilation System - Exhaust for Body Shop  
Volleyball poles with floor plates  
Walk-In Coolers - if free standing  
Window Shades  
Weight Chest Pulleys